

### ABSTRACT OF THE DISCLOSURE

An image processing apparatus (10) for writing images to print media (32), which comprises an imaging drum (300) for supporting the print media (32), wherein the imaging drum (300) has a surface, a drive end wall (310),  
5 and a vacuum end wall. A printhead (500) is used for forming an image onto the print media (32). A motor rotates the imaging drum (300) and a blower creates a vacuum supply to the imaging drum (300) for holding the print media (32) on the surface. At least one vacuum piston (504) creates a second vacuum supply (508) to the surface, wherein the vacuum piston (504) is mounted in the drive end wall  
10 (310) or the vacuum end wall, or if more than one vacuum piston (504) is used, optionally in both walls.